| Electronic Patent Application Fee Transmittal |  |          |          |        |                         |  |  |
|---|--|----------|----------|--------|-------------------------|--|--|
| Application Number:                           | 10023259                                   |          |          |        |                         |  |  |
| Filing Date:                                  | 14-Dec-2001                                |          |          |        |                         |  |  |
| Title of Invention:                           | Microneedle devices and production thereof |          |          |        |                         |  |  |
| First Named Inventor/Applicant Name:          | Jung-Hwan Park                             |          |          |        |                         |  |  |
| Filer:  | William Omar Isaacs/Eva Van Camp           |          |          |        |                         |  |  |
| Attorney Docket Number:                       | 22300.105009                               |          |          |        |                         |  |  |
| Filed as Small Entity                         |  |          |          |        |                         |  |  |
| Utility under 35 USC 111(a) Filing Fees       |  |          |          |        |                         |  |  |
| Description                                   |  | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |
| Basic Filing:                                 |  |          |          |        |                         |  |  |
| Pages:  |  |          |          |        |                         |  |  |
| Claims:                                       |  |          |          |        |                         |  |  |
| Miscellaneous-Filing:                         |  |          |          |        |                         |  |  |
| Petition:                                     |  |          |          |        |                         |  |  |
| Patent-Appeals-and-Interference:              |  |          |          |        |                         |  |  |
| Post-Allowance-and-Post-Issuance:             |  |          |          |        |                         |  |  |
| Extension-of-Time:                            |  |          |          |        |                         |  |  |
| Extension - 1 month with \$0 paid             |  | 2251     | 1        | 65     | 65                      |  |  |

| Description                       | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |
|-----------------------------------|----------|----------|--------|-------------------------|
| Miscellaneous:                    |          |          |        |                         |
| Request for continued examination | 2801     | 1        | 405    | 405                     |
|                                   | Tot      | 470      |        |                         |